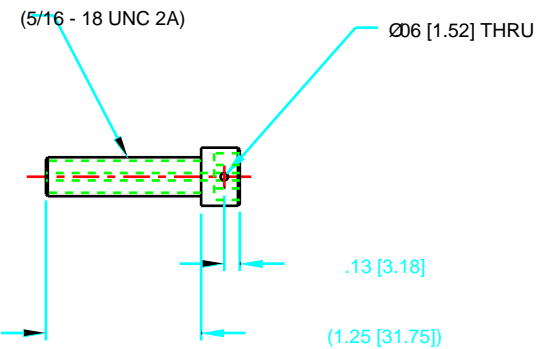


NOTES:

1. MAKE FROM U-C COMPONENTS VENTED SILVER PLATED SOCKET HEAD CAP SCREW CAT. #C-1820-A
2. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
3. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
 - A) CIMCOOL 5 STAR 49
 - B) TRIM SOL
4. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
5. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1×10^{-9} TORR CAN BE ACHIEVED
6. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
7. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY



SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION		MATERIAL / SPEC	QTY
PARTS LIST					
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X - .1 [2.5] .XX - .01 [0.25] .XXX - .005 [0.13] SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DO NOT SCALE DRAWING		LOG NUMBER K5210003-00 THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY DRAWN BY MUSCIA CHECKED BY J. CHANG DESIGNER CHANG/MUSCIA RESPONSIBLE ENGINEER J. CHANG MATERIAL 18 - 8 STAINLESS STEEL SEE NOTE #1			
DATE 8/13/98		CHIEF DESIGN ENGINEER D. SHU GP LEADER T.M. KUZAY PROJECT MGR. APPROVED/RELEASED DATE 9/9/98		DATE 9/9/98 DATE 9/14/98 DATE DATE	
TITLE ADVANCED PHOTON SOURCE K5-20 HEAVY METAL COLLIMATOR FOR 4-ID-A 5/16 - 18 X 1 1/4' LG. DRILLED & VENTED SOCKET HEAD SCREW		SCALE 1:1		SIZE B	DRAWING NUMBER K5-210003-00
SHEET 14					